

Board of Forestry Meeting Minutes

September 4, 2019

INDEX

| <u>Item #</u> | <u>Page #</u> |
|---|---------------|
| A. JULY 24, 2019 MEETING MINUTES | 2 |
| B. OFRI FOREST SECTOR ECONOMIC REPORT..... | 2 |
| C. REGIONAL FOREST PRACTICES COMMITTEE APPOINTMENTS AND REAPPOINTMENTS.. | 2 |
| D. ANNUAL PERFORMANCE PROGRESS REPORT 2018..... | 3 |
| E. NEHALEM RIVER SCENIC WATERWAY | 3 |
| F. OFRI VALUES AND BELIEFS SURVEY REPORT..... | 3 |
| G. ANNUAL FOREST PRACTICES DIVISION MONITORING REPORT..... | 3 |
| 1. STATE FORESTER, BOARD MEMBER, AND PUBLIC COMMENTS | 4 |
| 2. 2019 FIRE SEASON UPDATE | 5 |
| 3. OSU COLLEGE OF FORESTRY: DEAN'S INITIATIVE PROGRAM | 6 |
| 4. FOREST TRUST LANDS ADVISORY COMMITTEE TESTIMONY..... | 7 |
| 5. REVIEW OF FOREST CONDITIONS AND ISSUE IDENTIFICATION | 7 |
| 6. SISKIYOU STREAMSIDE PROTECTIONS REVIEW..... | 12 |

Items listed in order heard.

Complete audio recordings from the meeting and attachments listed below are available on the web at www.oregonforestry.gov.

- (1) Handout, [Oregon's 100-Year Water Vision for State Forester, Board Member, and Public Comments](#), Agenda Item 1
- (2) Handout, [Oral and Written Testimony by Haladay for State Forester, Board Member, and Public Comments](#), Agenda Item 1
- (3) Handout, [Oral and Written Testimony by Hegerberg for State Forester, Board Member, and Public Comments](#), Agenda Item 1
- (4) Handout, [Written Testimony by Gladwin for State Forester, Board Member, and Public Comments](#), Agenda Item 1
- (5) Presentation, [2019 Fire Season Update](#), Agenda Item 2
- (6) Presentation, [OSU College of Forestry Dean's Initiative Program](#), Agenda Item 3
- (7) Handout, [Oral and Written Testimony by Yamamoto for Forest Trust Lands Advisory Committee](#), Agenda Item 4
- (8) Presentation, [Oregon Forest Ecosystem Carbon Report Recap](#), Agenda Item 5
- (9) Presentation, [Climate Change Policy and Business Practices](#), Agenda Item 5
- (10) Presentation, [2018 Forest Health Report](#), Agenda Item 5
- (11) Presentation, [Federal Forest Restoration](#), Agenda Item 5
- (12) Presentation, [Forest Sector Employment and Economic Forecast](#), Agenda Item 5
- (13) Presentation, [Western Oregon Streamside Protections Review Update](#), Agenda Item 5
- (14) Handout, [Oral and Written Testimony by Lucey for Review of Forest Conditions and Issue Identification](#), Agenda Item 5

- (15) Handout, [Oral and Written Testimony by Storm for Review of Forest Conditions and Issue Identification](#), Agenda Item 5
- (16) Handout, [Oral and Written Testimony by Gourley for Review of Forest Conditions and Issue Identification](#), Agenda Item 5
- (17) Handout, [Oral and Written Testimony by Rasmussen for Review of Forest Conditions and Issue Identification](#), Agenda Item 5
- (18) Presentation, [Siskiyou Streamside Protections Review](#), Agenda Item 6
- (19) Handout, [Oral and Written Testimony by Youren for Siskiyou Streamside Protections Review](#), Agenda Item 6
- (20) Handout, [Oral and Written Testimony by Scurlock and Detwiler for Siskiyou Streamside Protections Review](#), Agenda Item 6
- (21) Handout, [Oral and Written Testimony by Canady and Harper for Siskiyou Streamside Protections Review](#), Agenda Item 6

In accordance with the provisions of ORS 526.016, a meeting of the Oregon Board of Forestry was held on September 4, 2019 at the Oregon Department of Forestry Headquarters on 2600 State Street, Salem, OR 97310.

Chair Imeson called the public meeting to order at 9:01 a.m.

Board Members Present:

Cindy Deacon Williams (Majority of Day)
 Joe Justice
 Jim Kelly
 Brenda McComb
 Mike Rose
 Tom Imeson

Absent:

Nils Christoffersen

CONSENT AGENDA:

- A. JULY 24, 2019 MEETING MINUTES
 Approval of Board Meeting Minutes.

ACTION: The Board approved minutes from the July 24, 2019 Board meeting.

- B. OFRI FOREST SECTOR ECONOMIC REPORT
 Oregon Forest Resources Institute (OFRI) prepares an update on the status of the forest sector in the state. The report encompasses the economic status and contributions of the Oregon forest sector including other aspects, ranging from forest health and risks to emerging trends.

Information Only.

- C. REGIONAL FOREST PRACTICES COMMITTEE APPOINTMENTS AND REAPPOINTMENTS

Approval for the appointment of two new members, Darin McMichael and Mikaela Gosney to the Regional Forest Practice Committees. Approval for re-appointment of eight existing members to the Regional Forest Practice Committees.

ACTION: Approved the appointment and reappointments for the following:

Northwest Oregon Region:

Mike Barnes (Chair) term expiring September 2022

Tally Patton (p) term expiring September 2022

Candace Bonner (p) term expiring September 2022

Southwest Oregon Region:

Eric Farm term expiring September 2022

Dave Erickson term expiring September 2022

Garrett Kleiner term expiring September 2022

Mikaela Gosney term expiring September 2021

Darin McMichael term expiring September 2020

Eastern Oregon Region:

Ed Fallon term expiring September 2022

Paul Jones term expiring September 2022

Vacant term expiring September 2022

(p) Public Member

D. **ANNUAL PERFORMANCE PROGRESS REPORT 2018**

Oregon Department of Forestry's (ODF) Annual Performance Progress Report for 2019 based on the agency's legislatively approved biennial key performance measures (KPM's).

Information Only.

E. **NEHALEM RIVER SCENIC WATERWAY**

Oregon Department of Parks and Recreation (OPRD) administers the State Scenic Waterways Program and required to adopt specific rules under Oregon Revised Statutes (ORS) chapter 183 with Oregon Department of Forestry (ODF), for a recently designated Nehalem River State Scenic Waterway in Clatsop and Tillamook Counties.

Information Only.

F. **OFRI VALUES AND BELIEFS SURVEY REPORT**

Oregon Forest Resources Institute (OFRI) commissioned an online survey of Oregon residents in January 2019. The purpose of this survey was to assess Oregonians' opinions about forest issues in Oregon, and gauge values and beliefs related to forests.

Information Only.

G. **ANNUAL FOREST PRACTICES DIVISION MONITORING REPORT**

Private Forests Divisions annual monitoring report for 2018. The report addresses the implementation study regarding reforestation rules, two monitoring projects assessing effectiveness of riparian protections, and other unit work.

Information Only.

Joe Justice motioned for approval of the consent agenda items. Mike Rose seconded the motion. Voting in favor of the motion: Cindy Deacon Williams, Tom Imeson, Joe Justice, Jim Kelly, Mike Rose and Brenda McComb. Against: none. With Board consensus Items A and C were approved, and the motion carried. Item B, D, E, F, and G were informational items.

ACTION AND INFORMATION:

1. STATE FORESTER, BOARD MEMBER, AND PUBLIC COMMENTS

[Listen to audio](#) MP3 – (27 minutes and 19 seconds – 9:38 MB)

Chair Imeson commented on:

- Public Meeting will be live streamed.
- Executive Session is scheduled.
- Public comment open for each topic, and not to exceed 30 minutes.

State Forester Daugherty commented on:

- Honored the passing of Wayne Giesy with a moment of silence for decades-long presence and engagement with the Board of Forestry (Board).
- Outlined the achievements of the 2019 fire season and acknowledged the coordinated efforts on the district, regional, and statewide levels.
- Reviewed the Governor’s office Oregon 100-Year Water Investment Vision ([attachment 1](#)) and planned to explore Board interest into engaging this topic further.
- Commented on the Board’s strategic planning cycle as it relates to the October Board Retreat, and the November meeting and workshop. Appreciated the Board’s feedback throughout the planning process.

Public Testimony:

- Jay Haladay provided oral and written testimony ([attachment 2](#)) to the Board on the Norriston Heights timber sale. Requested the Board to direct the Department to remove the timber sale from the planning cycle. Asked for the Department to postpone the sale and allow for the adjacent neighbors to better understand the sale.
- Hannah Hegerberg provided oral and written testimony ([attachment 3](#)) to the Board on the. Shared her experiences with working forests and observed dedication by workers to follow rules and protect resources. Commented on the forest operations in Oregon.
- Clair Klock provided oral testimony to the Board on municipal watershed in Corbett district and reviewed what he observed in south fork. Advocated for conservation plans to consider contribution to watersheds. Commented on the ‘cut and run’ approaches by some operators.
- Susana Gladwin provided written testimony ([attachment 4](#)) on the climate crisis and urged the Board to seek out other funding sources.

Board Members Comments:

- Chair Imeson thanked State Forester Daugherty for his comments honoring Wayne Giesy, and shared his experiences working with Wayne.
- Board member McComb inquired about Department response regarding timber sale and KPM number 10. State Forester reviewed the Department efforts to meet and further discuss the timber sale with the community and officials. He commented that no formal request has been submitted to stop and evaluate the sale. Reviewed the Department’s

statutory authority over timber sales on State Forest lands. State Forester planned to work with State Forests to respond to KPM question. Board member commented how useful it may be to understand the operational process behind a timber sale decision.

- Board member Kelly inquired with Hegerberg about outreach efforts with public.

Information Only.

2. 2019 FIRE SEASON UPDATE

[Listen to audio](#) MP3 – (36 minutes and 35 seconds – 12:05 MB)

Presentation ([attachment 5](#))

Doug Grafe, Fire Protection Division Chief, provided an overview of the [presentation](#) topics and introduced his fellow presenter, Blake Ellis, acting Fire Operations Manager. He reviewed Blake's fire background and the role he played in the 2019 fire season. Grafe asked for the Board to acknowledge the suppression efforts made by a local scout troop.

Blake Ellis, Fire Operations Manager, commented on the coordinated efforts and success of crews to suppress Gyda Lane fire. Ellis reviewed the national significant fire potential for Oregon and how it has changed over the season. He noted elevated potential remains in southwest Oregon. He commented on the weather outlook, drought monitoring, projected precipitation, and storm potential heading into fall. He highlighted the fire stats for 2019 year-to-date and explored factors that contributed to this average. Noted the Department's coordinated response effort in providing staff resources to aid compact partners. Shared the statewide briefing map, highlighting acres burned and team deployments for key fires on the landscape. He reviewed other fires on the landscape and specified the fire's jurisdictions.

Ellis introduced Tom Fields, Fire Prevention Coordinator, who recognized the efforts by Boy Scout Troop 50 from Stayton and Sublimity for acting beyond the call of duty in fire prevention. Fields provided a narrative of what occurred, how the troop responded to an escaped camp fire, and the successful outcome. He noted the risk associated with extinguishing a fire on the landscape, and the importance of public vigilance to decrease human-caused fires. Fields commended the Troop 50's successful and coordinated efforts, presenting them a token of appreciation. Ellis recognized Troop leader efforts, Scott West, who works out of the North Cascade District, as a Unit Forester in Molalla.

Ellis reported on the air quality and heightened awareness from southern Oregon communities. He provided an update on coordinated technology resources that were deployed to detect and respond to fires on the landscape. He provided a safety update including the number of reported injuries, the reporting mechanisms in place, range of injuries, and latest statistics on staff safety. Grafe noted the safety portion is in response to the Board's request, and the goal is to include with fire presentations.

Grafe closed out by reviewing large fire costs, how they changed, and noted the seven-year average. Described the jurisdictional implications each large fire has, costs associated, and the time needed for recovery, based on the current funding structure. Raised awareness around the Department's efforts on Governor's Council on Wildfire Response and the annual legislative closeout report is forthcoming, per ORS 477.777 (3) and (4). Expressed gratitude for the partners, staff, and resources that contribute to the complete and coordinated fire protection system.

Board commented on the 2019 Fire Season Update presentation.

- Sought clarification on multi-mission aircraft. Grafe described the scope of services the aircraft can provide while in the air.
- Appreciated the safety slide addition in the fire presentation, and the awareness it provides.
- Acknowledged the fire protection's coordinated system and the services provided to the public.

Public Testimony:

- Keith Williams from Stimson Lumber and Vice President of Resources, offered gratitude to the Fire Protection Division staff and the resources they provide. Shared appreciation for the continued protection, partnership and coordination on fires, and focus the staff has around fire.

Information Only.

3. OSU COLLEGE OF FORESTRY: DEAN'S INITIATIVE PROGRAM
[Listen to audio](#) MP3 - (33 minutes and 39 seconds – 11:05 MB)
Presentation ([attachment 6](#))

Interim Dean Anthony Davis stated his appreciation for the opportunity to [present](#) Oregon State University's (OSU) College of Forestry program teachings, research, and extension activities. Reviewed OSU undergraduate and graduate-level degree programs. Commented on two criteria that exist in many forestry programs, climate, and sustainability. Explained how the university is preparing students to critically assess complex issues, to drive change for future generations, and to have meaningful but applicable experiences. Shared student opportunities available through the mentor employment program and extension service program. Reviewed student enrollment, the challenges, job rate, and university goals to diversify majors.

Davis highlighted key forestry issues, the position of the university, and how they strive to address the issues educationally. He explained the research goals, the forest landscape matrix, and the overarching framework of healthy ecosystems. Reviewed the research cooperatives and advanced laboratory development in progress. Commented on the funding for fish and wildlife habitat projects opportunities. Highlighted how western juniper is becoming commercialized with a multitude of practical applications. Transitioned to the Elliott State Research forest, shared university goal to balance production, conservation, and livelihood objectives. Discussed the utilization of forestland, changing forest values, and complex questions being answered through the strategic use of the research forest.

Davis provided examples of the university's outreach, education and extension services. Reviewed the D.C. Fire summit in 2019 and the Get Outdoors Day. He commented on the lessons learned from OSU's research forest, and the importance of a robust forest planning process that includes public engagement. Described the George Peavy Forest Science Center's innovative use and design of Oregon wood. He invited the Board to tour the building before construction completion. Closed by commenting on the Dean search process, selection timeline, and significant change in personnel for new student programs.

Board commented on OSU College of Forestry – Dean's Initiative Program presentation.

- Board members are interested in touring Peavy center, and tours can be set up fall 2019.
- Thanked OSU Interim Dean for returning and presenting to the Board.

Public Testimony: None

Information Only.

4. FOREST TRUST LANDS ADVISORY COMMITTEE TESTIMONY
[Listen to audio](#) MP3 - (11 minutes and 54 seconds – 4.08 MB)

David Yamamoto, Chair for the Forest Trust Land Advisory Committee (FTLAC), provided oral and written testimony ([attachment 7](#)) to the Board on the committee’s priorities for the forest trust lands. He outlined the priorities and expanded upon why they were important. Yamamoto offered background on OFRI and reviewed some assessments featured in the Forest Sector Economic Report. He also reviewed data from the Oregon Forest Products Industry (FPI) provided by the Oregon Employment Development Department. He commented that forest products provide economic and social benefits to the State. Yamamoto noted the presence of invasive species and the unintended consequences of a scenic waterway. He highlighted topics and key points being presented in agenda item five. Closed by stating how FTLAC looks forward in continuing to work with the Department and the Board.

Public Testimony: None

Information Only.

5. REVIEW OF FOREST CONDITIONS AND ISSUE IDENTIFICATION
[Listen to audio](#) MP3 - (3 hours, 3 minutes and 5 seconds – 41.9 MB)

Chad Davis, Partnership and Planning Program Director, provided the purpose of this umbrella topic over a series of issues that will help inform the Board’s planning cycle. He explained the Board’s planning cycle process, outlined planning timeline, and highlighted Board work opportunities to discuss planning. Described how the six topics are assessments and will help frame the picture of forest conditions and issues. Discussed the process of presentations and outlined how this connects with Board’s strategic planning efforts set in October.

- a. FOREST CARBON REPORT AND HARVEST WOOD PRODUCTS RECAP
Presentation ([attachment 8](#))

Andrew Yost, Forest Ecologist in Partnership and Planning program, provided a summary of the main results from the Forest Ecosystem Carbon Report, and an overview of harvest wood products analysis. Highlighted portions included in the report such as forest carbon stocks, forest carbon flux from forest pools, and net emissions of greenhouse gases from fire. He reviewed the Harvested Wood Product (HWP) Modeling Framework and reviewed how that framework applies to yearly harvest data, and annual timber product output per harvest year. Reviewed total carbon storage in HWP, in use versus products in solid waste disposal sites (SWDS), disposition of products per ownership, and net change in carbon stocks. Discussed carbon tracked in million metric tons in dumps and landfills, as well as the emitted carbon from landfills. Closed by outlining the carbon report next steps.

Board comments on presentation:

- Discussed where the report originated from and explained subsets of emissions from the manufacturing process are reported in the industrial and transportation sector.

Commented on the June 2021 availability of the Oregon Sawmill Energy report that tracks the amount of energy that is produced and consumed by sawmills in Oregon.

b. CLIMATE CHANGE POLICY AND BUSINESS PRACTICES

Presentation ([attachment 9](#))

Chad Davis, Partnership and Planning Program Director, explained the topic's purpose as to how Divisions factor climate change into operational business and decisions. He explained the [attachment](#) is a compilation of Division work that connects to the set of 2015 recommendations adopted by the Board around operational decisions. State Forester Daugherty commented on the Forestry Program for Oregon revision cycle, discussed the Board's opportunity to revise goals and to explore incorporating climate change as part of a policy statement.

Kyle Abraham, Private Forests Division Chief, discussed landscape-scale data collection, forest health assessments, climate, and condition adapted tree species in relation to the Board's efforts to develop an agency-wide climate change policy.

Liz Dent, State Forests Division Chief, explained the importance of this topic on the management of State Forests and their forest ecosystems. Reviewed the Greatest Permanent Value (GPV) objectives in operations, policy and planning work.

Doug Grafe, Fire Protections Division Chief, reviewed the decadal data on acres burned on ODF protected lands and associated fire costs. Discussed Protection's mission to evolve and respond to changing landscapes. Reviewed the evolution of fire planning, the partnerships built, and the policy changes over the years.

Davis reviewed how the Partnership and Planning program historically has engaged in Board planning work, in carbon climate issues, in building partnerships through research opportunities, and in responding to state and national issues.

Board commented on presentation:

- Discussed how the forest health assessment is part of a statewide effort in cooperation with the U.S. Forest Service and commented on how the survey question change to assess climate change indicators.
- Reviewed cold water refugia in relation to Forest Management Plan, and how it can be utilized as a strategy for a diversity of treatments or protection standards for stream networks as well as at the site scale level.
- Commented on the militia model may be unsustainable given impacts from climate change. Discussed how the agency is exploring strategic approaches to fund this model and expand staff capacity to maintain business operations. Provided an update on the Governor's Council on Wildfire Response and explained the council recommendations are forthcoming. Described how prescribed fire is part of a greater policy conversation on expanding options for landowners and managers to achieve their land objectives.

c. 2018 FOREST HEALTH REPORT

Presentation ([attachment 10](#))

Marganne Allen, Forest Health and Monitoring Manager, provided an overview of the Forest Health Unit specialists and services. She reviewed scope of aerial detection surveying, number of acres surveyed, and surveyor partnerships. Explained how the survey data is used as indicators for forest health and monitoring.

Sarah Navarro, Forest Pathologist, reviewed the detection, mitigation, and eradication of sudden oak death (SOD) on the Oregon landscape. She provided updates on SOD spread, disease modeling, task force efforts, and partnership projects. Reviewed assessment of timber and non-timber economic impacts, with a projected loss in jobs and wages if SOD spread is not slowed by treatments. Navarro described the unit's modeling projects with Geospatial Technology and Applications Center (GTAC) and North Carolina State University, in mapping and projecting SOD spread on the landscape which will refine distribution maps. Highlighted the unit's entomology work in the bark beetle mitigation program, gypsy moth treatment, invasive woodborer survey, and detection programs across the State. She reviewed unit's partnerships in invasive species council hotline and new species detection, as well as efforts in surveying and treating invasive plant species. Allen closed by commenting on emerald ash borer (EAB) risk to Oregon, and reviewed anticipated ash seed collection efforts with U.S. Forest Service collaboration.

d. FEDERAL FOREST RESTORATION

Presentation ([attachment 11](#))

Phil Chang, Federal Forests Restoration (FFR) Program Lead, provided an overview of the program's history and how it has evolved over time. He reviewed the FFR program's purpose, funding, and goals. Explained role of Good Neighbor Authority (GNA) in program work, and described expansion of GNA to further program work.

Described the program's grant goals and the technical assistance provided to increase support in active restoration on Federal land. He commented on the program's role to help with the pace of project approval in the National Environmental Policy Act (NEPA) Federal planning process. Elaborated on how GNA is utilized by Federal partners, to tap State resources for work on Federal lands, and pays for this work through federal appropriations or timber value. Reviewed GNA projects statewide, the millions of board feet sold, and the projected timber sales to fund FFR program service, monitoring, or planning projects. He described the environmental review process, project origination, and implementation goals. Outlined the latest NEPA projects and projected outcomes. Chang closed by reviewing the FFR's next steps and goals as the program expands.

Board commented on presentation:

- Discussed the benefits and challenges to measuring outcomes and setting target goals. Reviewed the needs and constraints that each forest can present across the state. Highlighted the recent shared stewardship agreement as the medium to build that process in defining metrics for outcomes, tracking accomplishments, and prioritizing results.
- Discussed major limitations of growth to the FFR program across the state. Reviewed one constraint is the present disparity of non-commercial NEPA ready projects that are

unable to be completed due to the low commercial value that can be generated through treatments.

- Discussed how understanding the selection criteria process can set the stage for the Board to have a greater discussion on restoration goals. Added that the Governor's Council on Wildfire Response mitigation committee work may provide statewide perspectives to consider as well.
- Inquired about the Federal Forest Advisory Committee policy objective document and how it has been incorporated into the current FFR program. Discussed potential work ahead linking the shared stewardship agreement with federal forest restoration as it relates to the Board.

e. FOREST SECTOR EMPLOYMENT AND ECONOMIC FORECAST
Presentation ([attachment 12](#))

John Tokarczyk, Partnership and Planning Policy Analyst stepped in for Brandon Kaetzel, Forest Economist, to review the presentation on Oregon's forest sector. He provided an overview of the presentation. Reviewed the Oregon Timber Harvest report, noting timber harvest history, harvest-level stability, and regional trends. Commented on harvested timber production, location of active mills and the diversity of wood products generated. Noted the majority of harvested wood is milled in Oregon and remains in the State to add value to wood products, but a significant amount of production is sold outside of Oregon. He commented that the amount of harvest wood and type of products exported are minimal. Referenced the OFRI Economic Report around the stability of wages and employment in the forest sector. Reviewed variance of timber wages and salary averages by county. He highlighted the economic contributions of the forest sector and the tax revenues generated, contributing to state and local governments. Tokarczyk closed by discussing how projected agency forecast can change based on economic indicators and drivers, and is framed in expectation of yield from the Forest Harvest Tax.

Board commented on presentation:

- Discussed the variables that contributed to the decreasing number of forest sector facilities, even though harvest levels remain the same. Reviewed how milling locations are challenged by consolidation, transportation costs, change in supply chains, and optimizing efficiencies.

f. WESTERN OREGON STREAMSIDE PROTECTIONS REVIEW UPDATE
Presentation ([attachment 13](#))

Marganne Allen introduced the presenter and thanked additional team members for their supportive work on this project.

Adam Coble, Monitoring Specialist, provided an overview of the presentation. He outlined the project's objectives and described the project's purpose, as a determination on the FPA rule's effectiveness in achieving desired future conditions (DFC) and large wood in streams goals. Defined DFC and mature streamside stands under Division 642. Described components of a mature riparian stand. He reviewed the riparian management areas (RMAs) purpose and explained that vegetation requirements are defined in terms of buffer widths and basal area targets included in the RMAs. Expanded on how basal targets for small and medium, type F

streams relate to DFC and vary depending upon multiple indicators. He shared a conceptual saw tooth graph to explain that basal areas are averaged to achieve mature conditions over time on average across the landscape.

Coble listed the project components, beginning with field study and RipStream data analysis timeline. He reviewed the protocol questions, the scope of the study, and the data collected. Commented on the age distribution of trees on private and state lands. Noted private land pre-harvest stand conditions, described how sampled stands fell into three categories under FPA riparian rules, and explained how FPA rule categories determined the amount of basal area that was harvested from the RMA. Reviewed the tree species, size, density and locations of harvest within proximity. Defined site index curve, and explained how site index is used to understand a normal yield for conifer trees in RMAs. Discussed how more analysis is being considered to assess and identify whether the stands are on track to achieve DFC. Stated that a systematic literature review approach and modeling analysis will help in understanding how stands differ and trajectories change over time.

Coble outlined the systematic literature review timeline, describing each phase, and noted the anticipated completion of the review. He reviewed draft protocol, the initial literature search for DFC and large wood, and the next steps. Commented that these are broad terms and explained part of the work is to determine ranges for each component in mature streamside stands. Reviewed the modeling analysis phase timeline, overview, and next steps. He described the modeling goals, to project stand growth mortality and regeneration over time. Explained how RipStream data would be used in the stand growth modeling, and how the output could inform large wood recruitment models. Coble closed by listing the steps to secure a modeling analysis.

Board commented on presentation:

- Discussed the differences between the systematic literature review between western Oregon and Siskiyou.
- Shared observations on patterns, as study sites occurred along a latitudinal gradient. Commented on Tillamook County's low site index, potentially due to Swiss Needle Cast (SNC).

Public Testimony:

- Taylor Lucey from Oregon Forest and Industries Council (OFIC), provided oral and written testimony ([attachment 14](#)) for Forest Carbon Report and Harvest Wood Products topic. She shared her forestry experience and forest policy focus areas. Supported the Board as they explore carbon stock and flux in forests. Appreciated stakeholder engagement on the carbon advisory committee and as a resource for the Board.
- Mary Scurlock from Oregon Stream Protection Coalition, provided oral testimony to the Board on Western Oregon Streamside Protections Review Update topic. Suggested any presentation to the Board should include a scientific approach and prepare the Board for an adaptive management effort. Stated a policy decision may need to be considered to provide clarity to DFC and large wood measurements. Stated importance for normative information to be provided as context for the rule questions, terms, and analysis.
- Rex Storm from Associated Oregon Loggers (AOL), provided oral and written testimony ([attachment 15](#)) on the Forestry Program for Oregon Strategic Planning. He provided a series of

recommendations to the Board. Highlighted goal B, goal C, goal F, and goal G. Asked the Board to consider AOL's suggestions as they renew their commitment to improving public and private forest policies.

- Mark Gourley forester for two family landowners, provided oral and written testimony ([attachment 16](#)) for the Review of Forest Conditions and Issue Identification topic. He described what land managers strive for an adaptive and active forest management plan. Shared how ODF employees are dedicated to their profession, to the land they manage and protect. Highlighted key components of Soil and Water Conservation and impacts on land management. Encouraged Board to not create process-burdened policies.
- Clair Klock provided oral testimony on the Forest Carbon Report and Harvest Wood Products. Asked the Department how they plan to mitigate carbon on a business level in their facilities and operations, such as fuel reductions by using electric vehicles.
- Kristin Rasmussen from Hampton Lumber Company provided oral and written testimony ([attachment 17](#)) for Forest Sector Employment and Economic Forecast topic. She shared her family narrative and commented on the forest sector culture. Described how working forests contribute to the health and vitality of local communities.

Board provided additional comments on the Review of Forest Conditions and Issue Identification topic.

- Discussed how broad the forest sector can be defined, beyond the timber industry. State Forester explained the category is set by another agency and nationally qualified terms. Suggested a future presentation on the state of the resources in addition to timber that may impact the Board's policy decisions.

Information Only.

6. SISKIYOU STREAMSIDE PROTECTIONS REVIEW
[Listen to audio](#) MP3 - (One hour, 59 minutes and 43 seconds – 41.1 MB)
Presentation ([attachment 18](#))

Kyle Abraham, Private Forests Division Chief, provided a [presentation](#) overview, outlined what would be covered, and introduced the Division staff presenters.

Marganne Allen, Forest Health and Monitoring Unit Manager, offered background on the unit's role, statutory responsibilities, and monitoring strategy. Reviewed the goals of the monitoring strategy and how it relates with Forest Practices Act (FPA) compliance. Provided historical context for the Siskiyou review process and linked it to Board decisions. Outlined a rule review roadmap and explained the rule review process to the Board. Allen stated the presentation will include a range of methods that will contribute to the next phase of monitoring and measure sufficiency of forest practices to meet stated goals. She reviewed potential tools, data, field study methods that can be used in the Siskiyou review. Explored the challenges to securing accurate and relevant data to include with the review, but commented that an interagency effort may assist in surpassing these data hurdles. Discussed what elements would need to be considered if a field study was elected to collect data. Elaborated how a targeted but integrated approach combines all of these options, and described what the approach would use to secure information for the review.

Terry Frueh, Monitoring Unit Coordinator, reviewed the policy decision options for Board deliberation. He outlined an advisory committee option and described what the committee will be charged to do. Explained there are no climate change informed rules to test sufficiency directly, but outlined some tools and data that may be available to measure climate impacts. He outlined two options to assess climate change, reviewed each option, anticipated products, and potential drawbacks. Outlined another set of options to expand the literature review, by describing the scope of each option, anticipated products, and potential drawbacks. Frueh commented that depending upon the option selected, other unit work may be delayed or not completed with a staff of four. Stated the workload for the Siskiyou review will be in addition to ongoing Division work. Closed presentation by reviewing the staff recommendation.

State Forester Peter Daugherty and Director of Oregon Department of Environmental Quality (DEQ), Richard Whitman, shared leaders intent for interagency collaboration. Daugherty commented on Oregon's approach to forest resource protection and regulatory framework for protecting water quality on forestland. He reviewed a series of rules and laws for public policy to maintain working forests in Oregon, listing the regulatory function of Oregon Department of Forestry (ODF) and DEQ. Expanded on ODF authority to develop and enforce statewide and regional rules, which require coordination with other state agencies and local governments concerned about forest environments. Noted how the Siskiyou review could follow process of the salmon, steelhead, and bulltrout (SSBT) riparian rule work, and aimed to meet the same standards of agency collaboration. He emphasized this interagency alignment allowed ODF and DEQ staff to craft the recommendation and options in front of the Board. Daugherty stated that the Environmental Quality Commission (EQC) and the Board of Forestry (Board) liaisons will be embarking on an interagency policy review, as a foundation for each agency to be able to do their work, and how a leader's intent document will establish an interagency understanding.

Richard Whitman, Director of DEQ, commented on the interagency efforts in collaborations among leadership, Department staff, and board liaisons. He discussed the shared goals, objectives and collective understanding for each agencies roles and responsibilities. Described past collaborations between DEQ, ODF, and other agencies. Highlighted past Board and EQC decisions to address water quality in the State. Reviewed the recent water quality data for the Rogue River basin as it corresponds to the Siskiyou region, and what the data portrayed. Commented on the projected release of an integrative draft report assessing the water quality conditions statewide. He listed what the draft report will include, such as Total Maximum Daily Load (TMDL) assessments of stream temperatures in the basin, and identification of causes for high stream temperatures. Discussed how the statutory obligation overlaps between DEQ TMDL's and ODF FPA rules, and explained how they intertwine. Stated intent to incorporate agency partner input and work collaboratively on any TMDL recalculations, between DEQ and other agencies, State and Federal. Commented that progress is important and each agency is aware of their collective responsibility towards improving waterways, and that this process will take time. Shared appreciation of State Forester and the Board's work on this issue. Whitman outlined the anticipated work DEQ and ODF plan to do in order to reclaim the high quality waters in Oregon.

Board commented on Siskiyou Streamside Protections Review presentation.

- Chair Imeson appreciated the commitment of each agency’s Board and Commission liaison towards this interagency effort. State Forester noted the projected communication cycle to keep the liaisons informed as the review progress continues, and how this relates back to the Board.
- Inquired about TMDL inclusion of climate change in calculation, and whether this interagency effort is an opportunity to clarify definition of Desired Future Conditions (DFC) as it pertains to shade curves used in TMDLs. Whitman reviewed what the TMDL considers, limits what data can be tracked, and identified climate change as an issue that may need to be addressed nationally. Recognized interagency efforts to discuss degree of shade, and review existing data to establish need for new data.
- Discussed which agency has statutory authority over specific rules, and reviewed a formal petition process. Shared the preferred approach of an interagency collaboration with mutual objectives, reviewed the need for thoughtful planning on work timelines and agency prioritization. Commented that this intermediate step offers a new level of complexity, not just a forestry issue, and is a joint operation due to statutory authorities.
- Reviewed the timing of the status and trend data being brought to the Board’s attention, how DEQ data has gained breadth since the statute was adopted in 2011, and that the latest work done in western Oregon (e.g., RipStream) had a different scope of work. Commented the two agencies operations are different, ODF operate in forest activities and DEQ operate in water quality.

Kyle Abraham, Private Forest Division Chief, reviewed the memo of understanding between DEQ and ODF. He discussed how this joint operation will allow each agency to review rule definitions, consider overlap of concepts, and determine applicability in each agency’s analysis. Commented on a shared objective to reconcile on an approach to evaluate FPA sufficiency and load allocations over time. Described the formation of a charter, what it will include, how the charter will be used, and how it will be implemented. Explained these planning expectations will aid in relevant work being presented to the Board and EQC.

Jennifer Wigal, DEQ Deputy Water Quality Administrator, communicated the importance to establish a common understanding and process in meeting TMDLs between the agencies. Noted the charter efforts will outline how TMDL translates to FPA rule sufficiency and identify any subsequent processes. Stated this will require exploration at the way each agency looks at data, shares data, translates data, and uses data in an analysis. Noted this interagency effort will create an institutionalized working process that can be used by the agencies in the future, especially when DEQ determines TMDL allocations and the load implications are assessed by ODF.

Board offered additional comments on Siskiyou Streamside Protections Review.

- Sought clarification on committee option presented. Division staff described the goal behind the committee, its various functions, and what their role would be with Division staff. Allen proposed a timeline for the committee deployment and how objectives will need to be established with the help of the Board. Some Board members shared opinions around the value of committee engagement at this point of the review.

Public Comment:

- Joseph Youren from Audubon Society from Lincoln City, provided oral and written testimony ([attachment 19](#)) on Siskiyou Streamside Protections Review topic to the Board. Listed four recommendations for the Board to make and direct Department staff.
- Mary Scurlock from Oregon Stream Protection Coalition and Stacey Detwiler from Rogue Riverkeeper submitted written testimony ([attachment 20](#)) on Siskiyou Streamside Protections Review topic to the Board. Outlined a series of recommendations for the Board to consider. Scurlock listed four Board recommendations, clarified recommendations, and asked Board to direct Department staff to complete.
- Bob Van Dyke from Wild Salmon Center, provided oral testimony on Siskiyou Streamside Protections Review topic to the Board. Asked the Board to assess load allocations of small and medium streams, TMDL's, and climate change independently. Stated concern for 'pack and whack' areas along riparian buffers. Noted cold water refugia in the Rogue. Recommended expanded literature review option one (a), to include RipStream study in the review, and did not support a formation of a committee.
- Seth Barnes from OFIC provided oral testimony on Siskiyou Streamside Protections Review topic to the Board. Stated shock by the organized pushback against a stakeholder committee. Noted gaps present in Siskiyou landscape from remainder western Oregon. Asked the Board to consider the value of capturing quality data in Siskiyou region.
- Megan Tuttle from Weyerhaeuser Company, provided oral testimony on Siskiyou Streamside Protections Review topic to the Board. Shared the company's goals for sustainable forestry, partnerships, and data utilization to inform their forest management decisions. Recommended to gather more monitoring data for the Siskiyou region.
- Jason Canady and Craig Harper from Rogue Drinking Water Partnership (RDWP) provided written testimony ([attachment 21](#)) on Siskiyou Streamside Protections Review topic to the Board. Supported the adoption of similar riparian protections as in current effect for the remainder of western Oregon.

Board discussion with ODF Private Forests Division followed public comment.

- Inquired with ODF staff how they came to their recommendation to the Board and how they envision the advisory committee role will be with the review process. Abraham explained the Division perspective on the staff recommendation and listed areas the advisory committee would be engaged with in the review.
- Recalled the need for further expanding the literature review scope.

Board member Deacon Williams motioned to direct staff to work collaboratively with DEQ to move with all deliberate speed to incorporate TMDL data from the Siskiyou, as well as scientific literature regarding temperature from an expanded geographic region into a sufficiency analysis of the riparian rule in the Siskiyou region. Board member McComb seconded.

Board discussion followed motion.

- Cautioned that this motion may produce data without any conclusion that will help the Board in making a more informed decision on degradation. Discussed how some Board members expressed they could have made a determination if the original literature review had a wider cast net of literature included in the review.
- Allen sought clarification around motion, whether the literature review would include DFC or not, and Board member Deacon Williams confirmed this motion was narrowed to not include DFC, as well as ceasing all work on DFC as part of the Siskiyou review. Another Board

member concurred that temperature is a more important element in the review, and the DFC definition will help with the interagency discussions.

- Chair Imeson commented that the proposed motion may not aid the interagency collaborative work discussed by DEQ and ODF leadership. Board member Deacon Williams qualified her motion by promoting this interagency collaboration and starting in the Siskiyou region as a pilot.
- Commented that the Department has a strong predilection to involve stakeholders and do not suggest an advisory committee at this point in the rule review process.

Voting in favor of the motion: Cindy Deacon-Williams, Jim Kelly, and Brenda McComb. Against: Mike Rose, Joe Justice, and Tom Imeson. Motion did not pass.

Board discussion followed motion.

- Chair Imeson shared his desire for a more detailed plan and originated from a recommendation that was created by two agencies in alignment with respect to the Siskiyou Region. Abraham concurred with the Chair, and stated this is what the Division heard from the Board at the 2019 June meeting.

Board member Kelly motioned to approve Option 1: Expand literature review. To expand geography to include western Oregon and similar regions. Executive summary of existing temperatures reviews. Combine western Oregon and Siskiyou DFC reviews. Board member McComb seconded.

Board discussion followed motion.

- Asked that the expanded literature review include RipStream and other data resources.
- Discussed benefits and drawbacks of the expanded literature review to inform Board decision-making. Reviewed Full Time Equivalent (FTE) staff hours and timespan to complete the expanded review.
- Commented on the climate change option may be best suited to discuss during the planning discussions slotted for the October retreat.

ACTION: Approved Option 1: Expand literature review. To expand geography to include western Oregon and similar regions. Executive summary of existing temperatures reviews. Combine western Oregon and Siskiyou DFC reviews.

Voting in favor of the motion: Cindy Deacon Williams, Jim Kelly, Tom Imeson, and Brenda McComb. Against: Joe Justice and Mike Rose. Motion carried.

Board Member McComb motioned to approve Option 1: Climate Change in Siskiyou Review. Identify effects on temperature, DFC, directions, and pattern of change. Identify changes possible within FPA. Qualitative risk assessment in rule sufficiency. Board member Kelly seconded.

Board discussion followed motion.

- Echoed agreement that climate change may be an issue reserved for further Board discussion on. Consider what they would do with the information, is this good use of staff time, and as a Board, we are charged to provide statewide policy direction not region-specific.
- Discussed the possibility of exploring climate change in anticipation of future studies that may be done in this region.

- Wigal emphasized the consideration of climate change associated with TMDL's may be more implicit. As better technologies are used to assess TMDL's they may discuss around the relationships of analyses, but not specific allocations.
- Some Board members want to be informed around what climate science is available.
- Board member McComb withdrew the motion.

Board member Justice motioned to form an advisory committee for Siskiyou streamside protections review to work with staff to bring a recommendation to the Board. Board member Rose seconded.

Board discussion followed motion.

- Chair Imeson asked when an advisory committee would be deployed. Allen stated the Division would need to assemble the committee quickly in order to meet the targeted date outlined in their presentation.
- Understood that the committee would work with staff, not report to the Board, and this is an effort towards transparency and hearing diverse perspectives.
- Supported motion, and Board member is okay with the Division staff organizing an advisory committee at this point of process.
- Other Board members did not support motion at this point of the rulemaking determination, and stated stakeholders have limited resources or capacity to invest in a committee. Recommended to state a clear charge and coordinate times conducive with committee's ability to participate.
- Chair Imeson asked the Division staff to outline these items for the advisory committee.

ACTION: Directed the Department to create an advisory committee for Siskiyou streamside protections review to work with staff to bring a recommendation to the Board. The Advisory Committee will have multi-perspective discussion and feedback, assist ODF to develop review approach, and work guided by Board objectives from charter.

Voting in favor of the motion: Mike Rose, Joe Justice, Jim Kelly, and Tom Imeson. Against: Brenda McComb and Cindy Deacon Williams. Motion carried.

With no further business before the Board, Chair Imeson adjourned the public meeting at 5:24 pm.

Respectfully submitted,

/s/ Peter Daugherty



Peter Daugherty, State Forester and Secretary to the Board

HR

Meeting Minutes Approved at the November 6, 2019 Board Meeting